AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the following listing of all claims:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (New) A method comprising:

detecting a transition of a first signal associated with a first signal path; and

dynamically inserting a delay in a second signal path associated with a second signal based on at least the detection of the transition, a priority value of the first signal path, and a priority value of the second signal path.

20. (New) The method of claim 19 wherein a period of the delay is based on at least a duration of the transition period of the first signal.

21. (New) The method of claim 19 further comprising:

generating a first delay pulse based on the transition of the first signal;

communicating the first delay pulse from a first circuit associated with the first signal path to a second circuit associated with the second signal path; and

wherein a period of the delay is based on at least the first delay pulse.

22. (New) The method of claim 21 further comprising:

detecting a second transition of a third signal associated with a third signal path;

generating a second delay pulse based on the second transition;

communicating the second delay pulse from a third circuit associated with the third signal path to the second circuit; and

wherein the period of the delay is based on the second delay pulse and the dynamic delaying is based on the detection of the second transition and a priority value of the third signal path.

23. (New) The method of claim 22 wherein the delay period is based on non-overlapping portions of the first delay pulse and the second delay pulse.

24. (New) The method of claim 22 wherein the priority value of the first signal path and the priority value of the third signal path are equal.

25. (New) The method of claim 19 wherein the priority values of the first and second signal paths are based on effects of coupling between the first signal path and the second signal path.

26. (New) The method of claim 19 wherein the priority values of the first and second signal paths are based on corresponding signal path lengths.

27. (New) The method of claim 19 wherein the first and second signal paths are adjacent signal paths.

28. (New) The method of claim 19 wherein the dynamic insertion of the delay inhibits a transition from occurring on the second signal path simultaneously with the transition on the first signal path.

29. (New) An apparatus comprising:

a first signal driver associated with a first priority value and being coupled to a first signal path;

a second signal driver associated with a second priority value and being coupled to a second signal path; and

wherein the first signal driver provides a disable signal to the second signal driver based on at least the first priority value, the second priority value, and a detected transition of a first signal associated with the first signal path.

30. (New) The apparatus of claim 29 wherein the first signal driver communicates to the second signal driver a first delay pulse based on the detected transition.

31. (New) The apparatus of claim 29, wherein the disable signal delays the second signal for a period based on at least a duration of the transition period of the first signal.

32. (New) The apparatus of claim 29, further comprising:

a third signal driver associated with a third priority value and being coupled to a third signal path; and

wherein the third signal driver provides a second disable signal to the second signal driver based on at least the third priority value, the second priority value, and a detected transition of a third signal associated with the third signal path.

33. (New) The apparatus of claim 32, wherein the second signal is delayed by a period based on at least a duration of the transition period of the first signal and a duration of the transition period of the third signal.

34. (New) The apparatus of claim 32, wherein the first and second disable signals are first and second delay pulses and the second signal is delayed by a period based on non-overlapping portions of the first and second delay pulses.

35. (New) The apparatus of claim 32 wherein the priority value of the first signal path and the priority value of the third signal path are equal.

36. (New) The apparatus of claim 29, further comprising:

a fourth signal driver associated with a fourth priority value and being coupled to a fourth signal path; and

wherein the first signal driver provides the disable signal to the fourth signal driver based on at least the first priority value, the fourth priority value, and a detected transition of the first signal associated with the first signal path.

37. (New) The apparatus of claim 29 wherein the first and second priority values are based on effects of coupling between the first signal path and the second signal path.

38. (New) The apparatus of claim 29 wherein the first and second priority values are based on corresponding signal path lengths.

39. (New) The apparatus of claim 29 wherein transitions on the first signal path based on the disable signal occur out of phase with transitions on the second signal path.

40. (New) An apparatus comprising:

means for detecting a transition of a first signal associated with a first signal path; and

means for dynamically delaying a second signal associated with a second signal path based on at least the detection of the transition, a priority value of the first signal path, and a priority value of the second signal path.

41. (New) The apparatus of claim 40 wherein the first and second priority values are based on effects of coupling between the first signal path and the second signal path.

42. (New) The apparatus of claim 40 wherein the dynamic delaying inhibits a transition on the second signal path from occurring simultaneously with the transition on the first signal path.